

1	WITH SOUND ACCOMPANIMENT	34	.Housing and supports
2	.Cyclic motion pictures with sound (e.g., praxinoscopes	35	..With acoustic isolation
3	.Sound stages, methods and accessories	36	.Reproducer and screen arrangements
4	..Prompters	37	.Picture and sound recorder carries
5	.Methods	38	METHODS
6	.Selectively operable plural records, recorders or reproducers	39	.Applications (e.g., motion analysis, marksmanship training)
7	..With change-over control	40	.Exhibiting
8	..Plural sound or picture record selection	41	..Controlling projector illumination
9	..Plural sound reproducers sequentially operable	42	...With color filtration
10	..Plural sound transducers selectively operable	43	..Enhancing relief illusion
11	.Sound allocation	44	.Recording
12	.Picture and sound synchronizing	45	..Photographing with light filtration
13	..Manual control	46	..With plural exposure of a single film
14	..Loop control	47	..With projected picture component
15	..Sound record controls picture	48	..With special scenery and staging effects
16	...Control actuated by sound record	49	...Illuminating the subject
17Control signal carried by sound record	50	...Making a series of drawings (e.g., animation methods)
18	...By position of sound transducer of separate sound means	51Using photographic guides
19	..Picture controls sound	52With manipulation of drawings
20	...Control signal carried by picture record	53	...Moving camera position
21	..With independent speed regulation	54	...Manipulating puppet or mannequins
22	..With synchronous starting	55	..Providing printed titles
23	..With synchronizing indicator	56	.Carrier treating or working
24	...On picture and sound records	57	STEREOSCOPIC CAMERAS AND/OR PROJECTORS
25	.With picture and sound control systems	58	.Interlineated
26	.Common picture and sound record carrier systems	59	.Plural film strip
27	..Flexible strip type	60	.Simultaneous recording or reproducing left-right images
28	...Common light source for picture and sound	61	..With image separation by special projection screen
29	...Spaced picture gate and sound transducers	62	.Sequential recording or reproducing left-right images
30With damping	63	..With image separation by synchronized viewer
31	.Separate picture and sound carrier systems	64	..With reciprocating film strip carrier
32	..Picture strip and groove-type sound disc or cylinder	65	..With pre-objective reflecting system
33	...Interconnecting drive permits relative position adjustment	66	COLOR CAMERAS AND/OR PROJECTORS USING MONOCHROME FILM

67	.Simultaneously recorded or projected images	104	CABINET-TYPE PROJECTOR
68	RECORDING OR PROJECTING PICTURE IMAGE DURING CHANGE CYCLE OF PRECEDING PICTURE	105	OPTICAL RECTIFIER TYPE
69	PANORAMIC PICTURE TYPE	106	.Scanning reflectors and refractors
70	.Mosaic picture	107	.Rotating reflector disc
71	..With vignetting	108	.Rotating reflector drum
72	REMOVABLE FILM STRIP MAGAZINE TYPE	109	.Reflector angularly displaced about fixed axis
73	.Spool or magazine selective	110	.Reflector displaced
74	.With magazine ejecting	111	..Plural reflectors
75	.With light trap or occlusion	112	...With angular adjustment during displacement
76	..Shutter type	113	.Refractor
77	.With focal plane indexing	114	..Plural projection lenses
78 R	.Magazines	115	...With rotary carrier
78 C	..Coded signals on magazines	116	..Plural refractor elements with rotary carrier
79	WITH PLURAL PICTURE SIZES AND TYPES	117	...Lenticular drum
80	.Plural film width	118	...Lenticular disc
81	INTERLINEATED PICTURE TYPE	119	..Rotating plano parallel prism
82	WITH PICTURES IN TRANSVERSE ROWS	120	...Plate type
83	WITH PICTURES IN PLURAL LONGITUDINAL COLUMNS	121	SEQUENTIALLY OPERATED STILL CAMERAS
84	TIME COMPRESSION OR EXPANSION (E.G., TIME LAPSE OR HIGH SPEED)	122	.With film severing or perforating means
85	SPECIAL EFFECTS	123	EXHIBITORS WITH PLURAL FILM STRIP SELECTION
86	.Depth illusion	124	WITH REWINDING OF FILM STRIPS
87	.Animation	125	.During projection of another film strip
88	.Sets	126	WITH NONREWINDING FILM STRIP (E.G., ENDLESS FILM TYPE)
89	..Projected picture component	127	.Zigzag or sinuous film support
90	.Titling devices	128	.Coil type
91 R	.Transition effects (e.g., wipes and dissolves)	129	FILM STRIP VIEWING APPARATUS
91 C	..In a camera	130	WITH FILM TREATING OR WORKING
91 S	...Film transport controlled	131	COMBINED WITH DIVERSE-TYPE DEVICE
92	WITH FILM CARRIED CONTROL SIGNALS	132	.With manned vehicle
93	CAMERA WITH PLURAL FIELDS OF VIEW	133	PLURAL
94	CAMERA WITH DEFLECTED FIELD OF VIEW	134	.Projectors with single light source
95	GUN-TYPE CAMERAS AND/OR PROJECTORS	135	.Projectors with alternately operable shutters
96	OPAQUE PROJECTORS	136	COVERTIBLE
97	WITH SUPERIMPOSED FILM STRIPS	137	.Still-motion camera
98	INDIVIDUAL PICTURE PLATE TYPE	138	.Camera-projector
99	.Book leaf type (e.g., mutotropes)	139	WITH CAMERA PARTS DISPLACEABLE FOR FOCUSING
100	.Traveling observer	140	WITH FOCUS CONTROL
101	PICTURE DRUM TYPE (E.G., AEOTROPES)	141	WITH AUTOMATIC DIAPHRAGM CONTROL
102	PICTURE DISC TYPE	142	WITH SELECTION OF PLURAL LENSES
103	.Spiral picture arrangement	143	WITH FILM STRIP FIRE PREVENTION OR ISOLATION

144	.Fire trap	184	.With continuous feed and intermittent film arresting means
145	..With film severing	185	.With film beater
146	.Film cooling	186	.With reciprocating continuously driven carrier engaging sprocket
147	..Single frame projection	187	.With intermittently driven carrier-engaging sprocket
148	..By filters	188	..Cam actuated
149	.Auxiliary fire shutter	189	..Geneva gear actuated
150	..Film tension responsive	190	..Special type gearing
151	...Slack loop actuation	191	.With film engaging claws reciprocally driven to engage film
152	..Feed speed responsive	192	..Crank pin actuated
153	...Friction drive actuation	193	...With pivoted link or arcuate slot guide
154	...Centrifugal actuation	194	..Cam actuated
155	.Electrical circuit interrupted by film sensing means	195	...Scroll type
156	WITH CONCENTRIC REEL	196	...With single fixed pivot
157	WITH THREADING STRUCTURE	197	.With supporting structure
158	.Self-feeding type	198	PROJECTION LIGHT SOURCES
159	WITH LOOP FORMING	199	.Synchronized with shutter
160	WITH FRAMING AND/OR TRAVEL GHOST ELIMINATION	200	.Intermittent light
161	.By alteration of film path length	201	.Flicker reduction by auxiliary illumination
162	.By relative positioning of gate and drive	202	.With ventilation and cooling
163	.By rotation of film drive sprocket	203	.Projector illuminators
164	..With shutter synchronization	204	SHUTTERS
165	.Shutter adjustments	205	.With plural light paths
166	CAMERA AND/OR PROJECTOR DRIVE MECHANISMS	206	..Reflex view type
167	.With illumination control responsive to drive speed	207	.Rectilinearly movable
168	.Having plural or interchangeable drives	208	.Rotary
169	.With single frame operation	209	..With speed-adjusted aperture size
170	.With indicating means	210	..With apertured or radially deviating blade
171	..Visible in viewfinder	211	..Ventilating
172	..Film footage	212	..With light modifying blades
173	.With reverse feed	213	...Color
174	.With starting and/or stopping means	214	..With axially spaced independently driven blades
175	..Having timed run	215	...Counter rotatable
176	..Responsive to camera or projector elements	216	...Variable aperture size
177	...Shutter responsive	217	...Dissolve
178	..Having manual controls	218	..With plural blades on spaced axis
179	...Remotely operated	219	..Single drive (e.g., disc type)
180	.With speed regulation or selection	220	...Variable number of blades
181	..By escapement	221	GATES
182	..By braking	222	.Fluid pressure type
183	.With feeding belt film engagement	223	.With pressure rollers
		224	.With edge guide

- 225 .With reciprocating pressure
plate
- 226 .With removable aperture plate
- 227 .With pressure plate tension
control
- 228 .With curved film plane
- 229 .With gate moving and/or holding
structure
- 230 ..Closure-operated
- 231 .With lens mounting
- 232 **PICTURE CARRIERS**
- 233 .Strip type
- 234 ..Color
- 235 ..With leader
- 236 ..With film-carried indicia
- 237 ..Reinforced
- 238 ..Abrasion resistant
- 239 ..With particular format (e.g.,
stereoscopic)
- 240 ..With pictorial matter
- 241 ..Perforation arrangement
- 242 **WITH HOUSING**
- 243 **WITH SUPPORT**
- 244 **MISCELLANEOUS**

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